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For the position of Deputy Director Technical

1 message

Muhammad Waqas Ahmed <m.waqas.ahmed666@gmail.com> Wed, Dec 21, 2022 at 10:40 AM
To: jobswbproject@gmail.com

Dear Sir,
I am an Engineering Professional (Graduate of Urban & Infrastructure Engineering Department from NED University) recently working as a **Deputy Manager (Projects)** for one of the leading **Renewable Energy Consultants (Renewable Resources Private Limited).**
Recently I was engaged with **4 X 50MW** wind energy projects **(Worth 65 Million USD Each)** and responsible for complete **Project Planning & Management, Contract Management** and **Claim Analysis**. Since I have dealt with complex EPC Wind Energy projects (*Scope Revolves around Massive Wind Turbine Structures, Substation and Infrastructure Works*), I believe that the position advertised is right up my field of expertise.
Furthermore I possess a good aptitude for project management tools and applications and have experience with the **EOT claims and delay analysis** quite well. Following are some points depicting my job description throughout my career.
1. Project Planning/Monitoring using Project schedule developed on Primavera P6.
2. **Assist team with preparation of tender documents, BOQs as per WBS & preparation of procurement schedule as per project requirements.**
3. **Development & Evaluation of Project Baselines, Earned Value Management and Project Monitoring.**
4. **Assessment of EOT claims (Most recently dealt with Force Majeure Claims) & time impact analysis.**
6. Assembling and training site teams to ensure adherence to the EPC contract.
7. **Planned, Conducted and Lead weekly, monthly meeting**s with the contractor (Foreign) and client (Local) for various project related issues.
8.**Cross Functional Communication** for technical query resolution (Civil, Mech & Electrical Departments), **Planned and Conducted Technical Review meetings** for resolution of design-related conflicts between the EPC contractor, Employer and OE (Local & Foreign).
9. **Assisted the Employer with Local/Foreign LTA (Lender's Technical Advisors) visits**, presented the technical developments of the projects and **issuance of OE's milestones as per Construction & Equipment Supply Contracts.**
10. **Preparation of Project Dossiers** and catalog on Microsoft Sharepoint.

Please find the attached resume for your perusal. Looking forward to a formal interview.

Regards,
Muhammad Waqas Ahmed

2 attachments

Waqas Ahmed Resume (2).pdf
405K

Ahmed_Muhammad Waqas_Curriculum Vitae (Academic).pdf
268K

Contact

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Present Address
E-14/103 Steel Town, Karachi

Personal

Name
Muhammad Waqas Ahmed

Field of Interest

-Project Management

-Claims & Contracts

-Renewable Energy

-Research & Development

Affiliations

Pakistan Engineering Council (Registered Engineer)

Language Proficiency

-English (Professional)

-Urdu (Native/Bilingual)

-Sindhi (Working)

-Punjabi (Working)

-Kashmiri (Native/Bilingual)

Key Competencies

-Stakeholder Management

-Informed Decision Making

-Conflict Management

-Team leadership

Muhammad Waqas Ahmed

I am alumnus of NED University and currently a research student of University of Karachi specializing in Urban Engineering & Geo-information Systems. My professional experience is related to Construction Planning & Management meanwhile, my academic background constitutes of testing the latest technological trends in creating smart and sustainable urban systems.
Analytically astute, I am a dynamic individual involved in improvement of local construction and supervision practices

WORK EXPERIENCE :

Duration	Organization	Role
Feb 2022 – Present	Usmani International Associates	Manager Planning
Aug 2020 – Jan 2022	Renewable Resources (Pvt) Ltd	Deputy Project Manager
Oct 2018 – Jul 2020	Gohar Group of Companies	Planning & Contracts Engineer
Jan 2017 – Sep 2018	Army Housing Directorate	Engineer (Coordination)
Mar 2016 – Jan 2017	Exponent Engineers (Pvt) Ltd	Junior Transportation Engineer

SCHOLASTIC

Year	Institution	Qualification
Jul 2018 – Present	Geography Dept, UoK	M.Phil. (Remote Sensing & GIS) – Thesis awaited
Jan 2012 – Jan 2016	NED University of Engineering and Technology	B.E (Urban Engineering)

INDUSTRIAL EXPOSURE

Deputy Manager (Projects) at Renewable Resources (Pvt.) Ltd

Summary & Job Description

Renewable Resources (RE2) is the leading consultant of all things renewable (Hydel, PV Solar & Wind energy in Pakistan). RE2 provides Project Development services, Construction supervision and O&M services. With an experience of 2050 MWs in Pakistan, RE2 is leading the Wind sector along with their German Partners Tracteble Engie GmbH.

Functioning as 2nd in command to Project Manager, my role is pivotal to the project management function. Under the capacity of Owner's Engineer I have been assigned 4 projects measuring up to 200 MWs exclusively:
- ACT2 Wind Power Project (50MW)
- Din Energy Limited (50 MW)
- Lakeside Energy (Project of Naveena Steel) (50MW)
- NASDA Green Energy (50MW)

Contributing to the Project Management aspects of the project, my job description is:
1. Assembled the technical and administrative project teams to monitor the contractor's site performance as per the EPC Contract (Derived from the FIDIC Silverbook).
2. Devise Analytical methodologies to support project management function.
3. Review the Contractor's Monthly Progress Reports and maintain the Project Delay Logs.
4. Facilitate the teams with negotiations and record the minutes of these meetings for any future correspondence or legal proceeding.
5. Facilitate sessions to effectively resolve issues if any.
6. Train the project management teams to develop project-related documentation and implement lessons learned (project close-out).
7. Assessment of EOT claims made by the contract under the EPC Contract and facilitate the Legal advisors in preparation of pertinent documentation.
8. Development of Feasibility studies of Wind, PV and other Renewable Energy initiatives and undertake project development related tasks and studies (i.e. Logistical Studies, Energy Potential Identification, CSR Plans - WASH and other community development initiatives & Environmental Studies).
9. Carry out site visits (as per the OE contract), identify the key issues and potential risks and help Employer devise mitigation strategy.
10. Assist the PM in identifying, mitigating, and managing project risks.
11. Coordinate with the project managers to formulate project monitoring and evaluation frameworks and data gathering.
12. Perform business development activities for upcoming projects (including pre-feasibility surveys, Tender Documentation. Request for Proposals and Asset Management).
13. Identification of Key Deliverables, Milestones and relevant KPI metrics as per the TORs (EPC Contract).

Technical Skills

-Primavera p6

-IBM Cognos Analytics

-ArcGIS

-AutoCAD

-Excel & Power Point

-Smartsheets

Other Interests

-Travel

-Fitness

Muhammad Waqas Ahmed

INDUSTRIAL EXPOSURE

Planning & Contracts Engineer at Gohar Group of Companies

Summary & Job Description

Related Being one of the companies owned by the renowned Gohar Group of Companies, Gohar Construction excels in construction of Residential & Infrastructure projects. Under the command of the new CEO, Gohar Construction introduced Odoo's ERP for the first time in the construction industry to boost their efficiency.
Being a part of such a sophisticated system I was responsible for the following duties.
1. Project Planning/Scheduling &Monitoring on Primavera P6 and MS Project.
2. Assist team with preparation of tender documents, BOQs as per WBS & preparation of procurement schedule as per construction requirements.
3. Development of Project Baselines, Verification of BOQs, Earned Value Management and Project Monitoring.
4. KPI Charts, Progress Histograms, Progress Reports & meeting agendas between Chief Engineer & Consultants/Contractors.
5. Drafted the Construction Contracts.
6. Conducted fortnightly meetings with the contractors and recorded Meeting Minutes for future legal proceedings (if any).
7. Coordinated with the government authorities & local stakeholders for conflict resolution.
8. Assessment of EOT claims of the contractors as per the contract (derived from FIDIC).
9. RFP (Request for Proposal) preparation as per the procurement laws.

Engineer (Coordination) at Army Housing Directorate

Summary & Job Description

Army Housing Directorate is responsible for the construction/maintenance of Residential & Commercial Units for the retired army personnel. Housing acts as a Client, Consultant & sometimes a Contractor as well. As an Engineer for Deputy assistant director (Works-II) my responsibilities are listed below.
Main Responsibilities:
1. Project Feasibility, Planning/Scheduling,Valuation and Costing.
2. Cross-functional communication for finalization of project scope.
3. Drafted the technical specifications of the Contracts as per the MES (Military Engineering Services) procurement laws.
4. Cross-functional coordination prior to the land acquisition.
5. Facilitated the teams for tender preparations and contract awarding procedures.
6. Project Monitoring as per the Contract Agreement Book (CABook).
7. Maintained the project log and documented the delays throughout the duration of the project.
8. Assessment of EOT Claims (Time Impact Analysis) and Variation Orders.
9. Coordinated with the site teams for strict enforcement of the Contract Agreement.
10. Defined the KPIs for the project (based on the nature of the project).

Junior Engineer (Transportation & GIS) at Exponent Engineer (Pvt.) Ltd

Summary & Job Description

The company is the foremost Consultant for GIS & Transportation Engineering related projects for well-known clients of the country (Sindh Government,NHA , DHA & SMTC)
Main Responsibilities:
1. Site Suitability Analysis
2. Traffic Surveys & Data Analysis
3. Image Analysis and Data Modeling
4. GIS support for Urban Planning Projects
5. Traffic Impact Studies
6. Decision Support System for Non-Fare revenue generation strategies for the Green Line BRT project
Achievements:
*Was initially hired as a contractual employee, which was later converted to a permanent job.
*Was able to complete Green Line's inventory Survey in a period of 20 days.
*Acquired hands on knowledge about WebGIS development.

PERSONAL INFORMATION

Muhammad Waqas Ahmed

Apartment # E-14/103, Steel Town, Karachi, Pakistan.

+92 (333) 2441571

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Sex: Male | Date of birth 06/01/1993 | Nationality | Pakistani

EDUCATION AND TRAINING

2018-2022 **Master of Science (MS) in Remote Sensing & GIS**

Institution University of Karachi, Pakistan (www.uok.edu.pk)

CGPA CGPA 3.68/4.0

Courses
- Urban Tourism
- Urban & Regional Planning
- Research Methods
- Advanced Geographical Information Systems
- Advanced Remote Sensing
- Advanced Spatial Databases & Programming
- Hydrology and Water Resources
- Environmental Impact Assessment
- Integrated Geo-Technologies
- Spatial Decision Support Systems

2012-2016 **Bachelor of Urban Engineering**

Institution NED University of Engineering & Technology, Pakistan (www.neduet.edu.pk)

Percentage 61.05% out of 100%

Courses
- Surveying I & II
- Applied Physics
- Calculus
- Linear Algebra and Ordinary Differential Equations
- Computing Tools and Applications
- Environmental Engineering I & II
- Environment Impact Assessment
- Urban Hydrology & Municipal Engineering
- Fluid Mechanics
- Hydraulics & Water Resource Management
- Construction Project Management
- Probability & Statistics

Peer-Reviewed Publications

- M.W. Ahmed, S. Saadi, M. Ahmed, Automated road extraction using reinforced road indices for Sentinel-2 data, ARRAY (2022), DOI: https://doi.org/10.1016/j.array.2022.100257.
  Array (Elsevier – Citescore 25.2)

Work Experience

Designation Researcher (Part-time)

Timeline 7/2018- present

Organization Department of Urban & Infrastructure,

NED University of Engineering & Technology, Pakistan.

Achievements I have been associated with the department of Urban & Infrastructure and Dr. Muhammad Ahmed since my graduation. I started collaborating with him in July 2018 and have been working part-time ever since. We have worked on various GIS-based studies and projects for Pakistan's government and private organizations.
We recently collaborated on a publication called "Automated Road Extraction using Reinforced Road Indices for Sentinel-2 Data". The premise of our research is to develop an effective framework capable of detecting urban arterials from a multispectral image source (i.e. ESA's Sentinel-2 sensors).

Designation Junior Transportation Engineer

Timeline 03/2016- 01/2017

Organization Exponent (Pvt.) Limited
Karachi, Pakistan

Achievements Exponent Engineers (Pvt.) Limited is the pioneer consultancy firm of Traffic Engineering & Management in Pakistan. The company's portfolio is populated with numerous megaprojects (national and international) related to Transportation Engineering, Traffic Engineering & Geographical Information Systems.
As a Junior Engineer in the Transportation Engineering department, I provided GIS support in Transportation and Urban Planning-related projects. Our team provided technical services to government and private organizations. Our firm's most iconic project during my tenure was TAS for the bus operation plan for Karachi BRTs. Our engineering team carried out Four Stage Modelling for smooth BRT operations. The study involved GIS-based network analysis, MCDA modeling for Non-Fare revenue generation, and microsimulation via PTV vissim.

Related Skills

- **ArcGIS & QGIS**
  Acquired good command over the ArcGIS & QGIS software. I learned the software during my bachelor's studies and have extensively used it since.
- **Python**
  Good command of Python programming. Recently used the OpenCV and Gdal libraries for image processing for feature extraction.
- **E-Cognition Developer**
  Good command of E-Cognition developer software. Have extensively worked on GEOBIA for segmentation and feature extraction.
- **SNAP**
  Good command of SNAP for image processing. My recent publication required the use of SNAP for the evaluation of pan-sharpened images.
- **SPSS, GEODA and Minitab**
  Demonstrated good knowledge of the above-mentioned software packages to analyze variable correlation and mathematical modeling of extracted spatial data.

Certifications

- Databases and SQL for Data Science with Python (Coursera)
- Python for Data Science, AI & Development (Coursera)
- Data Visualizations and Dashboards with Excel & IBM Cognos (Coursera)
- Excel Basics for Data Analysis (Coursera)
- Introduction to Analytics (Coursera)
- Foundations of Project Management (Coursera)
- Spatial Data Science: The New Frontier in Analytics (Esri)
- Creating Imagery Products with Site Scan for ArcGIS (Esri)

Languages

- Urdu (National language),
- English (IELTS) – 7.5 (C1)

References

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